

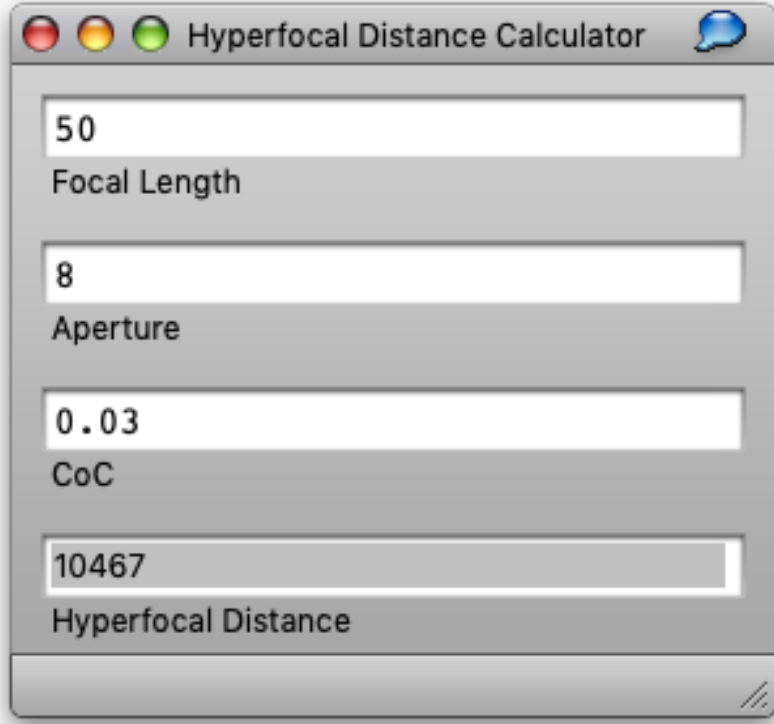
Hyperfocal Distance Calculator

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Summary

This is a special purpose calculator which calculates the hyperfocal distance of a lens.

Instructions



The screenshot shows a window titled "Hyperfocal Distance Calculator". It contains four input fields and one output field. The first three input fields are white, and the fourth is grey. The labels for the fields are "Focal Length", "Aperture", "CoC", and "Hyperfocal Distance". The values entered are 50, 8, 0.03, and 10467 respectively.

Field	Value
Focal Length	50
Aperture	8
CoC	0.03
Hyperfocal Distance	10467

Enter data into the white fields.

The grey field is used to display the hyperfocal distance when the RETURN or ENTER key is pressed.

Calculations

The widget uses the following simple equation:

hyperfocal distance = $(f * f / (n * c)) + f$, where f is the focal length of the lens in mm,
 n is the f-stop number and c is the circle of confusion in mm.

The result is expressed in mm.

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Widget Concept, Coding and Documentation

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